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Attorney Docket No. PC9517H Application No. 10/615,282

AMENDMENTS TO THE CLAIMS

Claims 1.-22. (canceled)

23. (new) A method of inhibiting inflammatory bowel disease in a mammal, the method comprising administering to a mammal in need of inhibition of inflammatory bowel disease a therapeutically effective amount of a compound of formula I

wherein:

A is selected from CH₂ and NR;

B, D and E are independently selected from CH and N;

Y is

- (a) phenyl, optionally substituted with 1-3 substituents independently selected from R⁴;
- (b) naphthyl, optionally substituted with 1-3 substituents independently selected from R⁴;
- (c) C₃-C₈ cycloalkyl, optionally substituted with 1-2 substituents independently selected from R⁴;
- (d) C₃-C₈ cycloalkenyl, optionally substituted with 1-2 substituents independently selected from R⁴;
- (e) a five membered heterocycle containing up to two heteroatoms selected from the group consisting of -O-, -NR²- and -S(O)_n-, optionally substituted with 1-3 substituents independently selected from R⁴:

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- (f) a six membered heterocycle containing up to two heteroatoms selected from the group consisting of -O-, -NR²- and -S(O)_n- optionally substituted with 1-3 substituents independently selected from R⁴; or
- (g) a bicyclic ring system consisting of a five or six membered heterocyclic ring fused to a phenyl ring, said heterocyclic ring containing up to two heteroatoms selected from the group consisting of -O-, -NR²-, and -S(O)_n-, optionally substituted with 1-3 substituents independently selected from R⁴;

 Z^1 is

- (a) $-(CH_2)_p W(CH_2)_q$ -;
- (b) $-O(CH_2)_p CR^5R^6$ -;
- (c) $-O(CH_2)_pW(CH_2)_q$;
- (d) -OCHR²CHR³-; or
- (e) -SCHR²CHR³-;

G is

(a) $-NR^{7}R^{8}$;

(b)

$$-N$$
 $(CH_2)_m$
 Z^2

wherein n is 0, 1 or 2; m is 1, 2 or 3; Z^2 is -NH-, -O-, -S-, or -CH₂-; optionally fused on adjacent carbon atoms with one or two phenyl rings and, optionally independently substituted on carbon with one to three substituents and, optionally, independently on nitrogen with a chemically suitable substituent selected from R^4 ; or

(c) a bicyclic amine containing five to twelve carbon atoms, either bridged or fused and optionally substituted with 1-3 substituents independently selected from R⁴;

Z¹ and G in combination may be

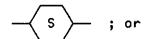
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W is

- (a) -CH₂-;
- (b) -CH=CH-;
- (c) -O-;
- -NR²-; (d)
- $-S(O)_n$ -; (e)
- (f)

- -CR2(OH)-; (g)
- -CONR²-; (h)
- -NR²CO-; (i)
- (j)



(k) -C≡C-;

R is hydrogen or C₁-C₆ alkyl;

R² and R³ are independently

- hydrogen; or (a)
- C₁-C₄ alkyl; (b)

R4 is

- (a) hydrogen;
- (b) halogen;
- C₁-C₆ alkyl; (c)
- C₁-C₄ alkoxy; (d)
- C₁-C₄ acyloxy; (e)
- C₁-C₄ alkylthio; (f)

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- C₁-C₄ alkylsulfinyl; (g)
- C₁-C₄ alkylsulfonyl; (h)
- hydroxy (C₁-C₄)alkyl; (i)
- aryl (C₁-C₄)alkyl; **(i)**
- (k) -CO₂H;
- **(l)** -CN;
- (m) -CONHOR;
- (n) -SO₂NHR;
- (o) -NH₂;
- (p) C₁-C₄ alkylamino;
- C₁-C₄ dialkylamino; (q)
- -NHSO₂R; (r)
- (s) $-NO_2$;
- (t) -aryl; or
- (u) -OH.

R⁵ and R⁶ are independently C₁-C₈ alkyl or together form a C₃-C₁₀ carbocyclic ring;

R⁷ and R⁸ are independently

- (a) phenyl;
- a C₃-C₁₀ carbocyclic ring, saturated or unsaturated; (b)
- a C₃-C₁₀ heterocyclic ring containing up to two heteroatoms, (c) selected from -O-, -N- and -S-;
- (d) H;
- (e) C1-C6 alkyl; or
- form a 3 to 8 membered nitrogen containing ring with R⁵ or R⁶; (f)

R⁷ and R⁸ in either linear or ring form may optionally be substituted with up to three substituents independently selected from C₁-C₆ alkyl, halogen, alkoxy, hydroxy and carboxy;

a ring formed by R⁷ and R⁸ may be optionally fused to a phenyl ring;

e is 0, 1 or 2;

m is 1, 2 or 3;

n is 0, 1 or 2;

p is 0, 1, 2 or 3; and

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q is 0, 1, 2 or 3;

or an optical or geometric isomer thereof; or a pharmaceutically acceptable salt thereof.

24. (new) A method of inhibiting inflammatory bowel disease in a mammal, the method comprising administering to a mammal in need of inhibition of inflammatory bowel disease a therapeutically effective amount of a compound of the formula

wherein G is

25. (new) A method of Claim 23 wherein the compound of formula I is selected from the group consisting of: